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MicroPatent® MPI Legal Status Report (Single Patent)

1. JP10212220A 19980811 ORAL COMPOSITION

Assignee/Applicant: LION CORP**Inventor(s) :** SASE AYUMI ; HORIUCHI TERUO**Priority (No,Kind,Date) :** JP3133097 A 19970130 X**Application(No,Kind,Date):** JP3133097 A 19970130**IPC:** 6A 61K 7/16 A**Language of Document:** NotAvailable**Abstract:**

PROBLEM TO BE SOLVED: To obtain the subject composition which affords excellent effect of preventing foul breath during a long period of time and fine feeling in use by blending a bactericide, a specific surfactant and a (bi) carbonate of alkali metal.

SOLUTION: This oral composition is obtained by blending (A) 0.001-5wt.% of a bactericide (e.g. benzethonium chloride), (B) 0.01-10wt.% of a nonionic surfactant (e. g. a polyoxyethylene cetyl ether) and/or an amphoteric surfactant [e.g. a 2-alkyl (8-16C)-N-carboxymethyl-N-hydroxyethylimidazolinium betain], (C) 0.001-30wt.% of a (bi)carbonate of alkali metal (e.g. sodium bicarbonate) and when necessary, (D) caking additives, humectants, abrasives, sweeteners, gelatin, titanium dioxide pigments. This composition is efficient when prepared and applied as moth-washing solutions, liquid dentifrice, aqueous dentifrice, gargling medicines and liquid oral compositions free from abrasives such as mouth refrigerant and the like.

Legal Status: There is no Legal Status information available for this patent

2. JP11012142A 19990119 ORAL COMPOSITION

Assignee/Applicant: LION CORP**Inventor(s) :** YAMAMOTO MIZUYA ; UNO DAISUKE**Priority (No,Kind,Date) :** JP17900097 A 19970619 X**Application(No,Kind,Date):** JP17900097 A 19970619**IPC:** 6A 61K 7/16 A**Language of Document:** NotAvailable**Abstract:**

PROBLEM TO BE SOLVED: To prepare an oral composition capable of providing an excellent effect for preventing and improving inflammation of gum by using an antiplasmin agent in combination with a specific antioxidant.

SOLUTION: This oral composition is obtained by formulating an antioxidant such as ascorbic acid and a derivative thereof in combination with an antiplasmin agent. The antiplasmin agent is exemplified by tranexamic acid, ε-aminocaproic acid and 4- aminomethylcyclohexanecarboxylic acid. The formulation of the tranexamic acid is preferable. The formulating amount thereof is 0.001-1 wt.% in the whole composition. The derivative of the ascorbic acid is the ascorbic acid with esterified hydroxyl group at 2- or 3-position. The formulating amount of the ascorbic acid and the derivative thereof is 0.001-10 wt.%. An antimicrobial agent such as cetylpyridinium chloride can be added so as to be 0.01-5 wt.%.

Legal Status: There is no Legal Status information available for this patent

3. JP11058051A 19990302 FORMATION OF THROUGH-HOLE ON BASE PLATE

Assignee/Applicant: NGK SPARK PLUG CO

Inventor(s) : ORIGUCHI MAKOTO

Priority (No,Kind,Date) : JP22840197 A 19970825 X

Application(No,Kind,Date): JP22840197 A 19970825

IPC: 6B 23K 26/00 A

Language of Document: NotAvailable

Abstract:

PROBLEM TO BE SOLVED: To provide a method of easily forming a straight through-hole on a base plate by means of a laser beam.

SOLUTION: A pulsative laser beam L is emitted to an insulating base plate 10 in a state where a copper foil 11 having a surface roughness Ra of 0.1 μm is arranged on the rear side. The laser beam L is set so that its focal position f is above the irradiation surface of the insulating base plate 10. With the laser beam L emitted, it starts to form a hole in the depth direction from the surface of the insulating plate 10, and finally reaches the copper foil 11 to form a through-hole 13 (tapered hole). With the irradiation continued further, the laser beam L is reflected by the copper foil 11 to irradiate the inner circumferential face of the tapered hole. Therefore, the tapered hole is gradually expanded in diameter from the rear to the surface and finally becomes a straight through-hole 13.

Legal Status: There is no Legal Status information available for this patent

4. JP11130648A 19990518 COMPOSITION FOR ORAL CAVITY

Assignee/Applicant: LION CORP

Inventor(s) : KOJIMA NOBUO

Priority (No,Kind,Date) : JP31262497 A 19971029 X

Application(No,Kind,Date): JP31262497 A 19971029

IPC: 6A 61K 7/26 A

Language of Document: NotAvailable

Abstract:

PROBLEM TO BE SOLVED: To obtain a composition for oral cavity stably mixable with hinokitiol under weakly alkali conditions, preferably usable in one's mouth, preferably useful as a dentifrice, a liquid tooth paste, a paste for oral cavity, a therapeutic agent for periodontal diseases, etc., for preventing and treating periodontal diseases such as marginal gingiva, alveolar pyorrhea, etc., and tooth decay, etc.

SOLUTION: This composition is obtained by formulating a composition for oral cavity containing a water-soluble inorganic carbonate and hinokitiol with one or more water-soluble sulfites selected from a sulfite, a bisulfite and a metabisulfite. Sodium hydrogencarbonate, sodium carbonate, potassium hydrogencarbonate, potassium carbonate, lithium hydrogencarbonate, ammonium carbonate, etc., may be cited as the water-soluble inorganic carbonate. A sulfite such as sodium hydrogensulfite, sodium sulfite, etc., and a bisulfite or a metabisulfite may be cited as the water-soluble sulfite.

Legal Status: There is no Legal Status information available for this patent
